

# *An Overview of the National Wind Coordinating Committee and Several Key Issues for Wind Development*

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**South Dakota Wind Energy Conference**

**Brookings, South Dakota**

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**Gabe Petlin**

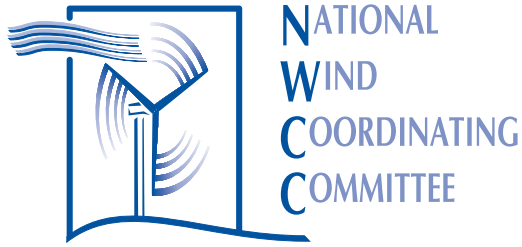
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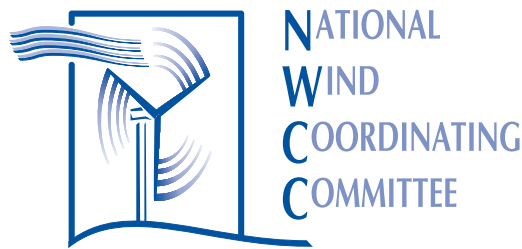
**[www.nationalwind.org](http://www.nationalwind.org)**



## *Several of the National Wind Programs*

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- American Wind Energy Association (AWEA)
  - [www.awea.org](http://www.awea.org)
- U.S. Department of Energy Wind Program
  - [www.eren.doe.gov/wind](http://www.eren.doe.gov/wind)
- Wind Powering America
  - [www.eren.doe.gov/windpoweringamerica](http://www.eren.doe.gov/windpoweringamerica)
- National Renewable Energy Laboratory
  - [www.nrel.gov](http://www.nrel.gov)
- Utility Wind Interest Group
  - [www.uwig.org](http://www.uwig.org)
- National Wind Coordinating Committee
  - [www.nationalwind.org](http://www.nationalwind.org)



## *National Wind Coordinating Committee: Mission and Core Activities*

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### **Mission**

- National multi-stakeholder collaborative to foster dialogue on key wind energy issues.
- Identify issues and catalyze activities that address barriers to wind development and help build environmentally, economically, and politically sustainable markets for wind energy.
- Build consensus where possible on key wind issues.

### **Core Activities**

- Peer-to-Peer dialogue through working groups, business meetings, and expert workshops.
- Conduct substantive research projects reflecting diverse perspectives
- Outreach to broad audiences via stakeholder forums, information dissemination, and web site.



## *Who participates in the National Wind Coordinating Committee?*

- **The National Wind Coordinating Committee is a consensus-based collaborative comprised of representatives from:**
  - **Wind Industry**
  - **Electric Utilities**
  - **Environmental Organizations**
  - **Power Marketers**
  - **Utility Regulators**
  - **Local, Regional, State, Tribal, and Federal Agencies**
  - **State Legislatures**
  - **Consumer Advocate Offices**
  - **Agriculture and Economic Development Organizations**

## *Key Wind Issues*

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- **Transmission Interconnection**
- **Green Markets and Credit Trading**
- **Avian and Siting Issues**
- **Distributed Wind**
- **Economic Development**
- **State Policy Options**

## *Key Issues for Wind*

### **Transmission**

- Wind resources may be affected differently than conventional generation by new electric industry rules, because of inherent characteristics such as their location dependence, intermittancy, and low capacity factor.
- NWCC publications raises and explores electric system operation and transmission-related issues of special importance to existing and new wind resources, e.g. transmission pricing and scheduling issues.
- Develops information to promote a level playing field for wind in the context of changing markets and policies.

## *Key Wind Issues*

### **Green Markets**

- NWCC reports examine residential and non-residential customer demand for green power. Papers educate readers on how green markets will impact wind development and how to sell wind in the market for green power.

### **Credit Trading**

- Wind energy yet to capture the economic benefits of its environmental advantages.
- Study to understand how credit trading markets might affect wind power and develop information that promotes a level playing field for wind to benefit from new opportunities.

## *Key Wind Issues*

### **Avian and Siting Issues**

- Utilities, government agencies, environmental organizations and others should work together to ensure that serious issues are addressed thoroughly and effectively early in the development process.

### **Distributed Generation**

- Understand the benefits, costs, and technical requirements.

### **Economic Development**

- New work needed to understand the economic costs and benefits to local communities of wind development.

### **State Policy Options**

- NWCC Report is a catalogue of policy options.